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Dr. George Fu wins two Georgia Power GRAPE awards

December 4, 2014

Dr. George Fu, Associate Professor of Environmental Engineering in the Dept. of Civil Engineering & Construction Management, has been awarded funding for two proposals through Georgia Power's Georgia Research for Academic Partnership in Engineering (GRAPE) project. Once a year, Georgia Power solicits proposals to address technical needs within GPC and the electric utility industry.

The first proposal awarded is a continuation of a project headed by Dr. Tiehang Wu, Assistant Professor of Microbial Ecology in the Biology Department, with Dr. George Fu as Co-PI. The project is entitled "Microbial conversion of nitrate and selenate to remove nitrogen and selenium from flue gas desulfurization (FGD) wastewater." The other project funded is entitled "Color removal from pulp mill effluent using immobilized coal fly ash (CFA) produced from Georgia coal combustion power plants." Both projects aim to reduce the amount of harmful pollutants in wastewater, in the first case, for wastewater from coal-firing power plants. The second project investigates the possibility of using dumped waste material (coal fly ash) in order to improve the quality of wastewater from paper mills.